

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				
DESCRIPTION		REVISIONS	DATE		

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. ACSTP-207B(053)SS
BRIDGE REHABILITATION
SH-78 OVER CHUCKWA CREEK
BRYAN COUNTY

CONTROL SECTION NO.: 78-07-24
STATE JOB NO. 27912(04)
BRIDGE "A" LOCATION NO. 0724-0093X
NBI NO. 05487

INDEX OF SHEETS

SHEET NUMBER	SHEET DESCRIPTION
0001	TITLE
0002	TYPICAL SECTION
AB01-AB02	GENERAL NOTES AND SUMMARY OF PAY QUANTITIES (BRIDGE)
AR01	SUMMARY OF PAY QUANTITIES (ROADWAY)
AT01	SUMMARY OF PAY QUANTITIES AND NOTES (TRAFFIC)
B001	GENERAL PLAN AND ELEVATION
B002-B003	FOUNDATION REPORT
B004	SUBSTRUCTURE STAKING DIAGRAM
B005-B008	ABUTMENT NO. 1 DETAILS
B009-B012	ABUTMENT NO. 2 DETAILS
B013-B014	SUBSTRUCTURE EXCAVATION DETAILS
B015-B017	PIER DETAILS
B018-B020	SUPERSTRUCTURE DETAILS
B021	DIAPHRAGM DETAILS
B022	ROLLED BEAM DETAILS
B023	BEARING DETAILS
B024	APPROACH SLAB DETAILS
B025	DRAINS AT END OF BRIDGE DETAILS
R001	SUMMARY SHEET
R002	MASS DIAGRAM
R003	PLAN AND PROFILE SHEET
S001-S008	SURVEY DATA SHEETS
T001	DETOUR SIGNING
X001-X006	CROSS SECTION SHEETS

TRAFFIC DESIGN
PROJECT ENGINEER: T. MAAROUF
SQUAD SUPERVISOR: B. ABRAHAM

ROADWAY DESIGN
PROJECT ENGINEER: D. MCINTOSH
SQUAD SUPERVISOR: J. JONES

BRIDGE DESIGN
SQUAD SUPERVISOR: R. HENSLEY
SQUAD MEMBERS: T. ELDRIDGE, P. GAFFORD, B. JONES, D. NASH, M. WANZER

ENGINEERING MANAGER: P. DEFRANCO, PE
ENGINEER: C. OSBORNE, PE

P.E. NO. 27912(01)


FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS

BEGIN BRIDGE STA. 75+10.97
BRIDGE LENGTH = 122.06'
END BRIDGE STA. 76+33.03

BRIDGE "A"

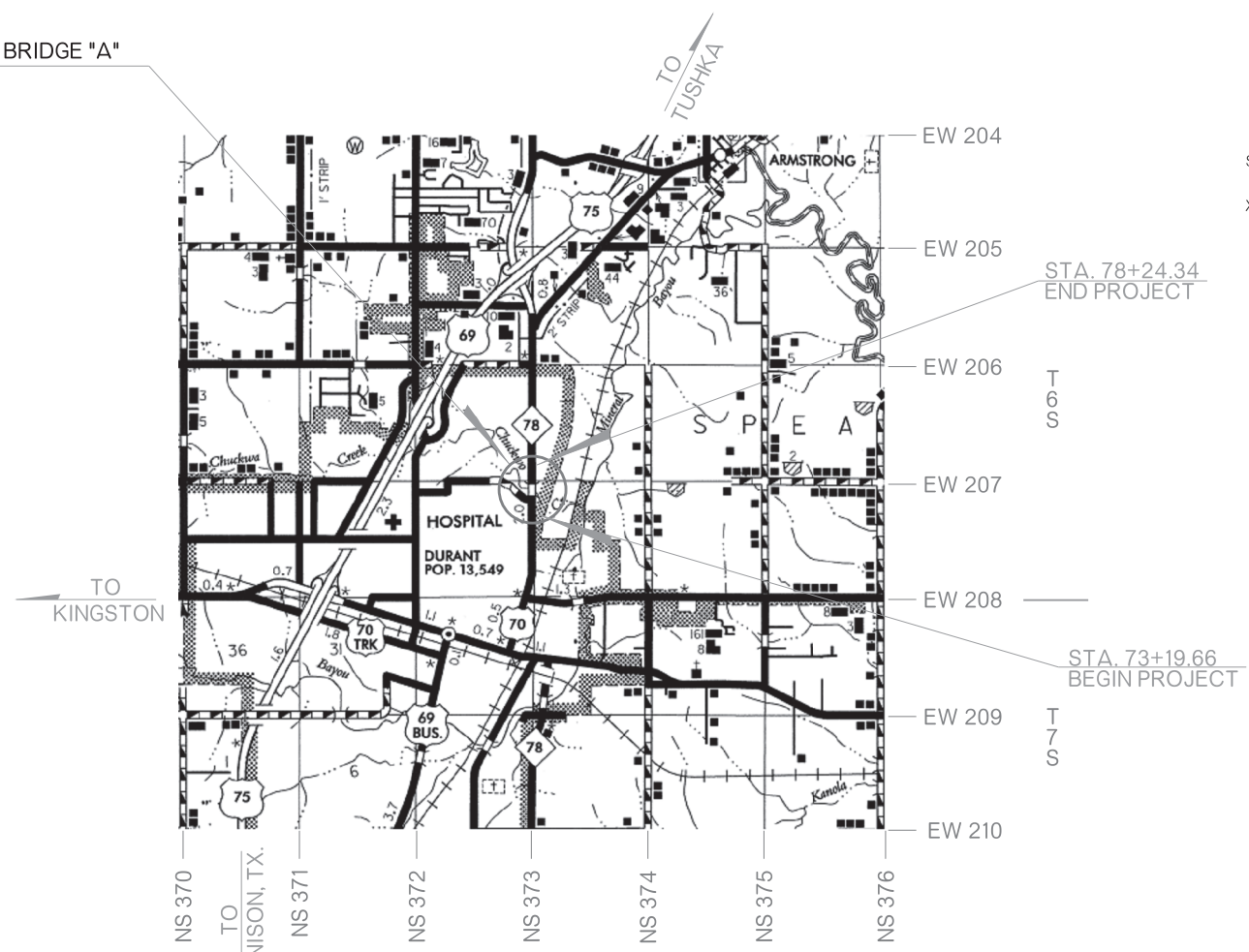
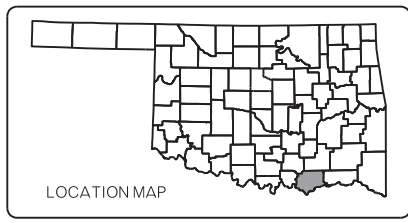
DESIGN DATA

ADT 2016	=	7,496
ADT 2036	=	10,392
DHV (2-WAY)	=	1,144
K (DHV/ADT)	=	11%
D	=	55%
T (% DHV)	=	10%
T (% ADT)	=	7%
T ₃ (% ADT)	=	5%
V	=	45MPH
20 YR FLEXESALS	=	4.26M

SCALES 
PLAN 1" = 100'
PROFILE HOR. 1" = 100'
VER. 1" = 10'
LAYOUT MAP 1" = 5,280'

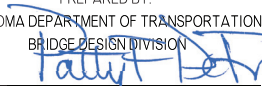
CONVENTIONAL SYMBOLS


- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- OILWELL
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- CONTROLLED ACCESS
- RIGHT-OF-WAY FENCE



STANDARDS TO BE INCLUDED

ROADWAY	TRAFFIC	BRIDGE
RD1-3-1	TCS1-1-01	B40-STL-BM-BRACING-00E
	TCS2-1-00	EJ-DTL-01E
	TCS4-1-01	EJ-SK-03E
	TCS5-1-00	GHW1-1-00
	TCS7-1-01	GHW2-1-00
	TCS8-1-00	LECS-4-1
	TCS9-1-01	SKT-1-00
	TCS10-1-00	THRI-1-02
	TCS11-1-01	TR4-2-00E
	PM3-1-02	
	MSD1-1-00	
	MSD2-1-00	
	MSD3-1-01	
	MSD4-1-00	
	MSD5-1-00	

PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
BRIDGE DESIGN DIVISION

PATTY F. DEFRANCO, P.E.
OKLA. REG. NO. 20916
DATE 5/26/16



OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____ CHIEF ENGINEER	BY _____ DIVISION ADMINISTRATOR
SWO 4811(1)	PROJECT NO. ACSTP-207B(053)SS
COUNTY BRYAN	HIGHWAY SH 78 SHEET NO. 0001

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.